

Serial Number: 09/724,726CRF Processing Date: 2/4/2002  
Edited by: ARC  
Verified by: ARC (STIC staff)**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- 
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- 
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- 
- ☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 6
- 
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- 
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- 
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;  
☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_.
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically:
- 
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- 
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_
- 
- 
- 

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

1 SEQUENCE LISTING  
2  
3 (1) General Information  
4  
5 (i) APPLICANT: Hadlaczky, Gyula  
6 Szalay, Aladar  
7  
8 (ii) TITLE OF THE INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF  
9 AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES  
10  
11 (iii) NUMBER OF SEQUENCES: 34  
12  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Heller Ehrman White & McAuliffe  
15 (B) STREET: 4250 Executive Square, 7th Floor  
16 (C) CITY: La Jolla  
17 (D) STATE: CA  
18 (E) COUNTRY: USA  
19 (F) ZIP: 92037  
20  
21 (v) COMPUTER READABLE FORM:  
22 (A) MEDIUM TYPE: Diskette  
23 (B) COMPUTER: IBM Compatible  
24 (C) OPERATING SYSTEM: DOS  
25 (D) SOFTWARE: FastSEQ Version 1.5  
26  
27 (vi) CURRENT APPLICATION DATA:  
28 (A) APPLICATION NUMBER:  
29 (B) FILING DATE: 28-NOV-2000  
30  
31 (vi) PRIOR APPLICATION DATA:  
32 (A) APPLICATION NUMBER: 08/835,682  
33 (B) FILING DATE: 10-APR-1997  
34 (C) CLASSIFICATION:  
35  
36 (vi) PRIOR APPLICATION DATA:  
37 (A) APPLICATION NUMBER: 08/695,191  
38 (B) FILING DATE: 07-AUG-1996  
39 (C) CLASSIFICATION:  
40  
41 (vi) PRIOR APPLICATION DATA:  
42 (A) APPLICATION NUMBER: 08/682,080  
43 (B) FILING DATE: 15-JUL-1996  
44 (C) CLASSIFICATION:  
45  
46 (vi) PRIOR APPLICATION DATA:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/724,726DATE: 02/05/2002  
TIME: 00:30:27

INPUT SET: S36741.raw

47 (A) APPLICATION NUMBER: 08/629,822  
48 (B) FILING DATE: 10-APR-1996  
49 (C) CLASSIFICATION:  
50  
51 (viii) ATTORNEY/AGENT INFORMATION:  
52 (A) NAME: Seidman, Stephanie L  
53 (B) REGISTRATION NUMBER: 33,779  
54 (C) REFERENCE/DOCKET NUMBER: 6869-402E  
55  
56  
57 (ix) TELECOMMUNICATION INFORMATION:  
58 (A) TELEPHONE: 858-450-8403  
59 (B) TELEFAX: 858-587-5360  
60 (C) TELEX:  
61  
62 (2) INFORMATION FOR SEQ ID NO:1:  
63  
64 (i) SEQUENCE CHARACTERISTICS:  
65 (A) LENGTH: 1293 base pairs  
66 (B) TYPE: nucleic acid  
67 (C) STRANDEDNESS: single  
68 (D) TOPOLOGY: linear  
69  
70 (ii) MOLECULE TYPE: Genomic DNA  
71 (iii) HYPOTHETICAL: NO  
72 (iv) ANTI-SENSE: NO  
73 (v) FRAGMENT TYPE:  
74 (vi) ORIGINAL SOURCE:  
75 (ix) FEATURE:  
76  
77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
78  
79 GAATTCATCA TTTTTCANGT CCTCAAGTGG ATGTTTCTCA TTNCCATGA TTTTAAGTTT 60  
80 TCTCGCCATA TTCCTGGTCC TACAGTGTGC ATTTCTCCAT TTNCACGTT TTNCAGTGAT 120  
81 TTCGTCATTT TCAAGTCCTC AAGTGGATGT TTCTCATFTN CCATGAATTT CAGTTTTCTN 180  
82 GCCATATTCC ACGTCCTACA GNGGACATTT CTAATTTNC CACCTTTTTT AGTTTTCTC 240  
83 GCCATATTTC ACGTCCTAAA ATGTGTATTT CTCGTTTNC GTGATTTTCA GTTTTCTCGC 300  
84 CAGATTCCAG GTCCTATAAT GTGCATTTCT CATTNNCAC GTTTTTCAGT GATTTCGTCA 360  
85 TTTTTTCAAG TCGGCAAGTG GATGTTTCTC ATTTNCCATG ATTTNCAGTT TTCTTGNAAT 420  
86 ATTCCATGTC CTACAATGAT CATTTTAAAT TTTCCACCTT TTCATTTTTC CACGCCATAT 480  
87 TTCATGTCCT AAAGTGTATA TTTCTCCTTT TCCGCGATTT TCAGTTTCT CGCCATATTC 540  
88 CAGGTCTAC AGTGTGCATT CCTCATTTTT CACCTTTTTT ACTGATTTCG TCATTTTTC 600  
89 AGTCGTCAAC TGGATCTTTC TAATTTTCCA TGATTTTCAG TTATCTTGTC ATATTCCATG 660  
90 TCCTACAGTG GACATTTCTA AATTTTCCAA CTTTTCATAT TTTTCTCGAC ATATTGACG 720  
91 TGCTAAAGTG TGTATTTCTT ATTTTCCGTG ATTTTCAGTT TTCTCGCCAT ATTCCAGGTC 780  
92 CTAATAGTGT GCATTTCTCA TTTTTCACGT TTTTCAGTGA TTTTCGTCATT TTTTCCAGTT 840  
93 GTCAAGGGGA TGTTTCTCAT TTTCCATGAG TGTCAGTTTTC CTTGCTATAT TCCATGTCCT 900  
94 ACAGTGACAT TTCTAAATAT TATACATTTT CAGTTTTCCT TCACCATATT TCACGTCCTA 960  
95 AAGTATATAT TTCTCATTTT CCCTGATTTT TCAATTTTCTT GCCATATTCC AGGTCCTACA 1020  
96 GTGTGCATTT CTCATTTTTC ACGTTTTCCTA GTAATTTCTT CATTTTAA GGCCTCAAAT 1080  
97 GGATGTTTCT CATTTTCCAT GATTTTCAGT TTTCTTGCCA TATACCATGT CCTACAGTGG 1140  
98 ACATTTCTAA ATTATCCACC TTTTTCAGTT TTTTCATCGG ACATTTACG TCCTAAAGTG 1200  
99 TGTATTTCTA ATTTTCAGTG ATTTTCAGTT TTCTCGCCAT ATTCCAGGAC CTACAGTGTG 1260

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/724,726DATE: 02/05/2002  
TIME: 00:30:28

INPUT SET: S36741.raw

1293

100 CATTCTCAT TTTTCACGTT TTTCAAGTGA TTC

## (2) INFORMATION FOR SEQ ID NO:2:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1044 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: Genomic DNA

## (iii) HYPOTHETICAL: NO

## (iv) ANTI-SENSE: NO

## (v) FRAGMENT TYPE:

## (vi) ORIGINAL SOURCE:

## (ix) FEATURE:

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

119	AGGCCTATGG	TGAAAAAGGA	AATATCTTCC	CCTGAAACT	AGACAGAAGG	ATTCTCAGAA	60
120	TCTTATTTGT	GATGTGCGCC	CCTCAACTAA	CAGTGTTGAA	GCTTTCCTTT	GATAGAGCAG	120
121	TTTTGAAACA	CTCTTTTGT	AAAATCTGCA	AGAGGATATT	TGGATAGCTT	TGAGGATTTT	180
122	CGTTGGAAAC	GGGATTGTCT	TCATATAAAC	CCTAGACAGA	AGCATTTCTCA	GAAGCTTCAT	240
123	TGGGATGTTT	CAGTTGAAGT	CACAGTGTG	AACAGTCCCC	TTTCATAGAG	CAGGTTTGAA	300
124	ACACTCTTTT	TTGTAGTATC	TGGAAGTGGA	CATTTGGAGC	GATCTCAGGA	CTGCGGTGAA	360
125	AAAGGAAATA	TCTTCCAATA	AAAGCTAGAT	AGAGGCAATG	TCAGAAACCT	TTTTCATGAT	420
126	GTATCTACTC	AGCTAACAGA	GTTGAACCTT	CCTTTGAGAG	AGCAGTTTGT	AAACACTCTT	480
127	TTTGTGGAAT	CTGCAAGTGG	ATATTTGTCT	AGCTTTGAGG	ATTTCTGTTG	GAAACGGGAT	540
128	TACATATAAA	AAGCAGACAG	CAGCATTTCC	AGAACTTCT	TTGTGATGTT	TGCATTCAAG	600
129	TCACAGAGTT	GAACATTCCC	TTTCATAGAG	CAGGTTTGAA	ACACACTTTT	TGATGTATCT	660
130	GGATGTGGAC	ATTTGCAGCG	CTTTCAGGCC	TAAGGTGAAA	AGGAAATATC	TTCCCTGAA	720
131	AACTAGACAG	AAGCATTTCT	AGAACTTAT	TTGTGATGTG	CGCCCTCAAC	TAACAGTGTT	780
132	GAAGCTTTCT	TTTGATAGAG	GCAGTTTGA	AACACTCTTT	TGTGGAATCT	GCAAGTGGAT	840
133	ATTTGTCTAG	CTTTGAGGAT	TTCTTTGGAA	ACGGGATTAC	ATATAAAAAG	CAGACAGCAG	900
134	CATTCCCAGA	ATCTTGTGTT	TGATGTTTGC	ATTCAAGTCA	CAGAGTTGAA	CATTCCCTTT	960
135	CAGAGAGCAG	GTTTGAACAC	TCTTTTATA	GTATCTGGAT	GTGGACATTT	GGAGCGCTTT	1020
136	CAGGGGGGAT	CCTCTAGAAT	TCCT				1044

## (2) INFORMATION FOR SEQ ID NO:3:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 2492 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: Genomic DNA

## (iii) HYPOTHETICAL: NO

## (iv) ANTI-SENSE: NO

## (v) FRAGMENT TYPE:

## (vi) ORIGINAL SOURCE:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/724,726DATE: 02/05/2002  
TIME: 00:30:28

INPUT SET: S36741.raw

153 (ix) FEATURE:

154

155 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

156

157	CTGCAGCTGG	GGGTCTCCAA	TCAGGCAGGG	GCCCCTTACT	ACTCAGATGG	GGTGGCCGAG	60
158	TAGGGGAAGG	GGGTGCAGGC	TGCATGAGTG	GACACAGCTG	TAGGACTACC	TGGGGGCTGT	120
159	GGATCTATGG	GGGTGGGGAG	AAGCCCAGTG	ACAGTGCCTA	GAAGAGACAA	GGTGGCCTGA	180
160	GAGGGTCTGA	GGAACATAGA	GCTGGCCATG	TTGGGGCCAG	GTCTCAAGCA	GGAAGTGAGG	240
161	AATGGGACAG	GCTTGAGGAT	ACTCTACTCA	GTAGCCAGGA	TAGCAAGGAG	GGCTTGGGGT	300
162	TGCTATCCTG	GGGTTC AAC	CCCCAGGTTG	AAGGCCCTGG	GGGAGATGGT	CCCAGGACAT	360
163	ATTACAATGG	ACACAGGAGG	TTGGGACACC	TGGAGTCACC	AAACAAAACC	ATGCCAAGAG	420
164	AGACCATGAG	TAGGGGTGTC	CAGTCCAGCC	CTCTGACTGA	GCTGCATTGT	TCAAATCCAA	480
165	AGGGCCCCTG	CTGCCACCTA	GTGGCTGATG	GCATCCACAT	GACCCTGGGC	CACACGCGTT	540
166	TAGGGTCTCT	GTGAAGACCA	AGATCCTTGT	TACATTGAAC	GA CTCTAAA	TGAGCAGAGA	600
167	TTTCCACCTA	TTCGAAACAA	TCACATAAAA	TCCATCCTGG	AAAAAGCCTG	GGGGATGGCA	660
168	CTAAGGCTAG	GGATAGGGTG	GGATGAAGAT	TATAGTTACA	GTAAGGGGTT	TAGGGTTAGG	720
169	GATCAACGTT	GGTTAGGAGT	TAGGGATACA	GTAGGGTACC	GGTAGGGTTA	GGGGTTAGGG	780
170	TTAGGGGTTA	GGGTTAGGGT	TAGGGTTAGG	GTTAGGGTTA	GGGGTTAGGG	GTTAGGGTTA	840
171	GGGTTAGGTT	TTGGGGTGGC	GTATTTTGGT	CTTATACGCT	GTGTTCCACT	GGCAATGAAA	900
172	AGAGTTCTTG	TTTTTCCTTC	AGCAATTTGT	CATTTTTAAA	AGAGTTTAGC	AATTCTAACA	960
173	GATATAGACC	AGCTGTGCTA	TCTCATTGTG	GTTTTCAATT	GTAACCACAT	TGTGGTTTCA	1020
174	ATGTGTTTAC	TTGCCATCTG	TAGATCTTCT	TTGCGTGAGG	TGTCTGTTCA	GATGTGTGTG	1080
175	CATTTCTTGN	NTTTNGGCTG	TTTAACTTAT	TGTTTAGTTT	TAATAATTTT	TTATATATTT	1140
176	GAAGACAAAT	CTTTCTCAGA	TGTGTATTTG	CAAATATTTT	TTCAATATGA	GGCTTGCTTT	1200
177	TGTCTCTAAC	AAGGTCTCTT	CAGAGATAAC	TTAAATATAA	GAAATCCACA	CTGTCACTTC	1260
178	TTTTGTGTAT	ATCTACCTTT	TGTGTCAATT	GTTAAAATTC	ATTACCAAAC	CCAAAGGCAG	1320
179	ATAGCTTTTC	TTCTATTGTT	TCTTCTAGAA	ATTTGTATAG	TTTTGCATTT	TTAGTGTAAAG	1380
180	GATGATTTTG	AGTGATTATT	TGTGTAAGTT	GTAAAGTTTT	CGTCTATATC	CATATCATTT	1440
181	CTTATGGTTT	CCAATTAATC	GTTCCCTCAC	TATTTTGGG	AAAGACACAG	GATAGTGGGC	1500
182	TTTGTTAGAG	TAGATAGGTA	GCTAGACATG	AACAGGAGGG	GGCCTCCTGG	AAAAGGGAAA	1560
183	GTCTGGGAAG	GCTCACCTGG	AGGACCACCA	AAAATTCACA	TATTAGTAGC	ATCTCTAGTG	1620
184	CTGGAGTGGA	TGGGCACCTG	TCAATTGTGG	GTAGGAGGGA	AAAGAGGTCC	TATGCAGAAA	1680
185	GAAACTCCCT	AGA ACTCCTC	TGAAGATGCC	CCAATCATTC	ACTCTGCAAT	AAAAATGTCA	1740
186	GAATATTGCT	AGCTACATGC	TGATAAGGNN	AAAGGGGACA	TTCTTAAGTG	AAACCTGGCA	1800
187	CCATAAGTAC	AGATTAGGGC	AGAGAAGGAC	ATTCAAAAGA	GGCAGGCGCA	G TAGGTACAA	1860
188	ACGTGATCGC	TGTCAGTGTG	CCTGGGATGG	CGGGAAGGAG	GCTGGTGCCA	GAGTGGATTG	1920
189	GTATTGATCA	CCACACATAT	ACCTCAACCA	ACAGTGAGGA	GGTCCCACAA	GCCTAAGTGG	1980
190	GGCAAGTTGG	GGAGCTAAGG	CAGTAGCAGG	AAAACCAGAC	AAAGAAAACA	GGTGGAGACT	2040
191	TGAGACAGAG	GCAGGAATGT	GAAGAAATCC	AAAATAAAAT	TCCCTGCACA	GGACTCTTAG	2100
192	GCTGTTTAAT	GCATCGCTCA	GTCCCCTCCT	TCCCTATTTT	TCTACAATAA	ACTCTTTACA	2160
193	CTGTGTTTCT	TTTCAATGAA	GTTATCTGCC	ATCTTTGTAT	TGCCTCTTGG	TGAAAATGTT	2220
194	TCTTCCAAGT	TAAACAAGAA	CTGGGACATC	AGCTCTCCCC	AGTAATAGCT	CCGTTTCAGT	2280
195	TTGAATTTAC	AGA ACTGATG	GGCTTAATAA	CTGGCGCTCT	GACTTTAGTG	GTGCAGGAGG	2340
196	CCGTCACACC	GGGACCAAGA	GTGCCCTGCC	TAGTCCCCAT	CTGCCCCGAG	GTGGCGGCTG	2400
197	CCTCGACACT	GACAGCAATA	GGGTCCGGCA	GTGTCCCCAG	CTGCCAGCAG	GGGGCGTACG	2460
198	ACGACTACAC	TGTGAGCAAG	AGGGCCCTGC	AG			2492

199

200 (2) INFORMATION FOR SEQ ID NO:4:

201

202 (i) SEQUENCE CHARACTERISTICS:

203 (A) LENGTH: 28 base pairs

204 (B) TYPE: nucleic acid

205 (C) STRANDEDNESS: single

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/724,726DATE: 02/05/2002  
TIME: 00:30:28

INPUT SET: S36741.raw

206 (D) TOPOLOGY: linear  
207  
208 (ii) MOLECULE TYPE: Genomic DNA  
209 (iii) HYPOTHETICAL: NO  
210 (iv) ANTI-SENSE: NO  
211 (v) FRAGMENT TYPE:  
212 (vi) ORIGINAL SOURCE:  
213 (ix) FEATURE:  
214  
215 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
216  
217 GGGGAATTCA TTGGGATGTT TCAGTTGA 28  
218  
219 (2) INFORMATION FOR SEQ ID NO:5:  
220  
221 (i) SEQUENCE CHARACTERISTICS:  
222 (A) LENGTH: 29 base pairs  
223 (B) TYPE: nucleic acid  
224 (C) STRANDEDNESS: single  
225 (D) TOPOLOGY: linear  
226  
227 (ii) MOLECULE TYPE: Genomic DNA  
228 (iii) HYPOTHETICAL: NO  
229 (iv) ANTI-SENSE: NO  
230 (v) FRAGMENT TYPE:  
231 (vi) ORIGINAL SOURCE:  
232 (ix) FEATURE:  
233  
234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
235  
236 CGAAAGTCCC CCCTAGGAGA TCTTAAGGA 29  
237  
238 (2) INFORMATION FOR SEQ ID NO:6:  
239  
240 (i) SEQUENCE CHARACTERISTICS:  
241 (A) LENGTH: 47 base pairs  
242 (B) TYPE: nucleic acid  
243 (C) STRANDEDNESS: single  
244 (D) TOPOLOGY: linear  
245  
246 (ii) MOLECULE TYPE: RNA  
247 (iii) HYPOTHETICAL: NO  
248 (iv) ANTI-SENSE: NO  
249 (v) FRAGMENT TYPE:  
250 (vi) ORIGINAL SOURCE:  
251 (ix) FEATURE:  
252  
253 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
254  
255 CCGCTTAATA CTCTGATGAG TCCGTGAGGA CGAAACGCTC TCGCACC 47  
256  
257  
258



OIPE

## RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/724,726

TIME: 11:34:00

Input Set : A:\402eseq.001

Output Set: N:\CRF3\02042002\I724726.raw

## SEQUENCE LISTING

**Does Not Comply  
Corrected Diskette Needed**

## C--&gt; 4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Hadlaczky, Gyula  
7 Szalay, Aladar

## C--&gt; 9 (ii) TITLE OF INVENTION: ARTIFICIAL CHROMOSOMES, USES THEREOF

10 AND METHODS FOR PREPARING ARTIFICIAL CHROMOSOMES

12 (iii) NUMBER OF SEQUENCES: 34

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Heller Ehrman White & McAuliffe  
16 (B) STREET: 4250 Executive Square, 7th Floor  
17 (C) CITY: La Jolla  
18 (D) STATE: CA  
19 (E) COUNTRY: USA  
20 (F) ZIP: 92037

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Diskette  
24 (B) COMPUTER: IBM Compatible  
25 (C) OPERATING SYSTEM: DOS  
26 (D) SOFTWARE: FastSEQ Version 1.5

28 (vi) CURRENT APPLICATION DATA:

C--> 29 (A) APPLICATION NUMBER: US/09/724,726

C--> 30 (B) FILING DATE: 28-Nov-2000

50 (C) CLASSIFICATION:

## C--&gt; 47 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: 08/835,682

34 (B) FILING DATE: 10-APR-1997

38 (A) APPLICATION NUMBER: 08/695,191

39 (B) FILING DATE: 07-AUG-1996

43 (A) APPLICATION NUMBER: 08/682,080

44 (B) FILING DATE: 15-JUL-1996

48 (A) APPLICATION NUMBER: 08/629,822

49 (B) FILING DATE: 10-APR-1996

52 (viii) ATTORNEY/AGENT INFORMATION:

53 (A) NAME: Seidman, Stephanie L

54 (B) REGISTRATION NUMBER: 33,779

55 (C) REFERENCE/DOCKET NUMBER: 6869-402E

58 (ix) TELECOMMUNICATION INFORMATION:

59 (A) TELEPHONE: 858-450-8403

60 (B) TELEFAX: 858-587-5360

61 (C) TELEX:

## RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/724,726

TIME: 11:34:00

Input Set : A:\402eseq.001

Output Set: N:\CRF3\02042002\I724726.raw

## ERRORED SEQUENCES

239 (2) INFORMATION FOR SEQ ID NO: 6:  
241 (i) SEQUENCE CHARACTERISTICS:  
242 (A) LENGTH: 47 base pairs  
243 (B) TYPE: nucleic acid  
244 (C) STRANDEDNESS: single  
245 (D) TOPOLOGY: linear  
W--> 247 (ii) MOLECULE TYPE: RNA  
248 (iii) HYPOTHETICAL: NO  
C--> 249 (iv) ANTI-SENSE: NO  
W--> 250 (v) FRAGMENT TYPE:  
251 (vi) ORIGINAL SOURCE:  
252 (ix) FEATURE:  
254 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
E--> 256 CCGCTTAATA CTCTGATGAG TCCGTGAGGA CGAAACGCTC TCGCACC

47 ← insert



## VERIFICATION SUMMARY

DATE: 02/04/2002

PATENT APPLICATION: US/09/724,726

TIME: 11:34:02

Input Set : A:\402eseq.001

Output Set: N:\CRF3\02042002\I724726.raw

L:4 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]  
L:9 M:220 C: Keyword misspelled or invalid format, [(ii) TITLE OF INVENTION:]  
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:32 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:37 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:42 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:47 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:73 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:78 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=1  
L:74 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=1  
L:113 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:118 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=2  
L:114 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=2  
L:151 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:156 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=3  
L:152 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=3  
L:211 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:216 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=4  
L:212 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=4  
L:230 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:235 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=5  
L:231 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=5  
L:249 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:254 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=6  
L:247 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6  
L:250 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=6  
L:256 M:254 E: No. of Bases conflict, Input:0 Counted:47 SEQ:6  
L:270 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:275 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=7  
L:271 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=7  
L:290 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:295 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=8  
L:291 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=8  
L:308 M:220 C: Keyword misspelled or invalid format, [(D) OTHER INFORMATION:]  
L:308 M:220 C: Keyword misspelled or invalid format, Poss data loss, Seq 9, (D) OTHER INFORMATION:  
L:315 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:9  
L:339 M:243 E: Alpha Header Field expected, Data=[PATENT NO.: 5,418,155]  
L:341 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=10  
L:433 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:438 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=11  
L:434 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=11  
L:452 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:457 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=12  
L:453 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=12  
L:471 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:472 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=13  
L:512 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]